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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/790,644	03/01/2004	Peter O. Roach JR.	11126.105001	9770

7590 04/25/2006

Michael S. Pavento, Esq.
KING & SPALDING LLP
45th Floor
191 Peachtree Street, N.E.
Atlanta, GA 30303

EXAMINER

TRAN, CHUC

ART UNIT	PAPER NUMBER
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2821

DATE MAILED: 04/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/790,644

Applicant(s)

ROACH, PETER O.

Examiner

Chuc D. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,6-10,12,13,15-18,20-31,33-40,42 and 57-59 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,3,4,6-10,12,13,15-18,20,31,33-40,42 and 63-79 is/are allowed.
- 6) ☒ Claim(s) 21,24-27,29,30,57,60 and 61 is/are rejected.
- 7) ☒ Claim(s) 22,23,28,31,58,59 and 62 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 02/13/06
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1, 3-4, 6-10, 12-13, 15-18, 20-31, 33-40, 42, 57-79 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 21, 24-27, 29-30, 57 and 60-61 are rejected under 35 U.S.C. 102(e) as being anticipated by Beach et al (USP. 2004/0192227).

Regarding claim 21, Beach et al disclose a wireless network component configured for being mounted to a fluorescent light comprising:

- a housing (50) containing the wireless network component (Fig. 4); one or more power coupling pin (46) protruding from one side of the housing (Fig. 4) and configured to be inserted into a first receptacle within a fluorescent light fixture (30) that would otherwise receive one or more pin of a fluorescent lamp (Fig. 4); one fluorescent lamp pin connector

located on an opposite side of the housing and electrically connected to the one or more power coupling pin (Fig. 4), wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp (Fig. 4); and wherein the one or more power coupling pin and the one or more fluorescent lamp pin connector are offset relative to each other such that, when the fluorescent lamp is installed between the one or more fluorescent lamp pin connector and a second receptacle (48) of the fluorescent light fixture (Fig. 4), the fluorescent lamp is disposed at a non-zero angle relative to its intended axis within the fluorescent light fixture (Fig. 4), thereby allowing the installed fluorescent lamp to have a length substantially equal to the distance between the first receptacle and the second receptacle (Fig. 4).

Regarding claim 24, Beach et al disclose that the one or more power coupling pin and the one or more fluorescent lamp pin connector are vertically offset relative to each other (Fig. 4).

Regarding claim 25, Beach et al disclose that the one or more power coupling pin and the one or more fluorescent lamp pin connector are horizontally offset from each other (Fig. 4).

Regarding claim 26, Beach et al disclose that at least a portion of the housing is at least partially transparent so that light from the fluorescent lamp can pass through the housing (Fig. 4).

Regarding claim 27, Beach et al disclose that the housing includes means for dissipating heat generated by the fluorescent light (Fig. 4).

Regarding claim 29, Beach et al disclose that means for attaching the housing to the fluorescent lamp (Fig. 4).

Regarding claim 30, Beach et al disclose that the means for attaching the housing (50) to the

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fluorescent lamp comprises a support tube (52) configured to be removably attached to at least a portion of the housing (Fig. 4); and

wherein the support tube fits over the fluorescent lamp (62) and attaches to the housing (50) so as to attach the housing to the fluorescent lamp (Fig. 4).

Regarding claim 57, Beach et al disclose a wireless network component configured for being mounted to a fluorescent light comprising:

a housing (50) containing the wireless network component (Fig. 4); one or more power coupling pin (46) protruding from one side of the housing (50) and configured to be inserted into a receptacle within a fluorescent light fixture (30) that would otherwise receive one or more pin of a fluorescent lamp (Fig. 4); one or more fluorescent lamp pin connector located on an opposite side of the housing and electrically connected to the one or more power coupling pin (Fig. 4), wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp (Fig. 4); a support tube (52) attached to at least a portion of the housing (Fig. 4); and wherein the support tube fits over the fluorescent lamp (62) (Fig. 4) and attaches to the housing (50) so as to mount the housing to the fluorescent lamp (Fig. 4).

Regarding claim 60, Beach et al disclose that at least a portion of the housing is at least partially transparent so that light from the fluorescent lamp can pass through the housing (Fig. 4).

Regarding claim 61, Beach et al disclose that the housing (50) includes means for dissipating heat generated by the fluorescent light (Fig. 4).

Allowable Subject Matter

4. Claims 1, 3-4, 6-10, 12-13, 15-18, 20, 31, 33-40, 42, 63-79 allowed.

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5. The following is a statement of reasons for the indication of allowable subject matter:

Prior art fails to disclose or suggest the wireless network housing including a recess channel for receiving the fluorescent lamp; a support tube configured to be removably attached to at least a portion of the housing above the recess channel and for fitting over the fluorescent lamp; and wherein at least the portion of the support tube is partially transparent as set in claims 1, 13, 31, 63, and 72.

Claims 3-4, 6-10, 12, 15-18, 31, 33-40, 42, 64-71 and 73-79 are allowable for the reasons given above because of their dependency status from claims 1, 13, 31, 63, and 72.

6. Claims 22-23, 28, 31, 58-59 and 62 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy P. Callahan can be reached on (571) 272-1740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TC
April 17, 2006

A handwritten signature in black ink, appearing to read 'Thuy V. Tran', written in a cursive style.

THUY V. TRAN
PRIMARY EXAMINER